

REMARKS

Applicants have cancelled claim 7 and amended claim 14 to appear in independent form. Claim 13 has been amended to depend from claim 14.

The specification has been objected to because the Abstract exceeded 150 words in length. Applicants overcome this objection by amending the Abstract down to 108 words.

Claims 7, 13 and 14 have been rejected under 35 USC 112, first paragraph, as not complying with the written description requirement. Applicants respectfully disagree.

As the basis for this rejection, the Examiner repeats the arguments provided in the Action mailed December 6, 2004 and in the Advisory Action mailed March 25, 2005. Applicants have rebutted the Examiner's arguments fully in the Response filed March 4, 2005 and in the Appellant's Opening Brief filed August 3, 2005. In this Action, the Examiner does not respond to applicants' argument in the appeal brief at all. Applicants respectfully request the Examiner to reconsider his position in light of applicants' arguments and to withdraw this rejection. In the event that the Examiner maintains this rejection in the next Action, applicants will be forced to ask the Board to decide this issue.

Claims 7, 13 and 14 have been rejected under 35 USC 103(a) as unpatentable over Japanese Patent Application Publication No. 61-239696 (Itagaki) in view of U.S. Patent No. 6,300,691 (Hwang). Applicants respectfully traverse this rejection.

Claim 7 has been cancelled. Claim 14 recites a plurality of heat dissipation fins that are disposed on a sidewall of the unit base so as to be perpendicular to the sidewall and configured to dissipate heat generated in the moving member. The Examiner admits that Itagaki does not teach or suggest the claimed heat dissipation fins disposed on the sidewall of the unit base. To overcome this deficiency of Itagaki, the Examiner relies on Hwang and contends that Hwang's heat dissipation fins 31 correspond to the claimed heat dissipation fins. Applicants respectfully disagree.

Hwang's heat dissipation fins 31 are placed on the top surface of Hwang's movable element 20, which the Examiner seems to equate to the claimed unit base that moves with the moving member of the claimed linear motor. None of Hwang's heat dissipation fins 31 is placed on the sidewall of Hwang's movable element 20, as claimed. See, for example, FIG. 3 of Hwang.

The Examiner contends that "the heat dissipation fins are disposed on a side wall of the unit base so as to be perpendicular to the sidewall (31)." This contention is without evidentiary support. As explained above, all of Hwang's dissipation fins 31 disposed on Hwang's movable element 20 are placed on its top surface. Hwang teaches that other heat dissipation fins 31 are placed on the sidewall of the stator element 10 of Hwang's linear motor. However, the sidewall of the stator element 10 is not the sidewall of the movable element 20, which the Examiner equates to the claimed moving unit base. The Examiner fails to explain why or how persons of ordinary skill in the art would have understood that a sidewall of a stationary member of a linear motor is the same as the sidewall of the moving member of the linear motor.

The rejection of claims 13 and 14 under 35 USC 103(a) over Itagaki and Hwang should be withdrawn because Itagaki and Hwang together do not teach or suggest the claimed heat dissipation fins disposed on the sidewall of the moving unit base.

In light of the above, a Notice of Allowance is solicited.

In the event that the transmittal letter is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief is required, applicants petition

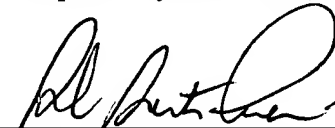
for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to

Deposit Account No. 03-1952, referencing Docket No. **606402002100**.

Respectfully submitted,

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